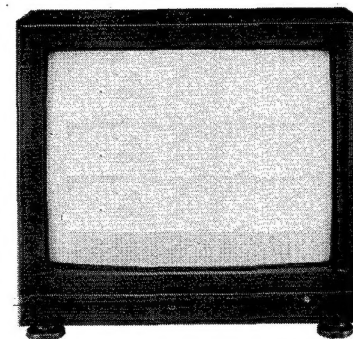


Service
Service
Service

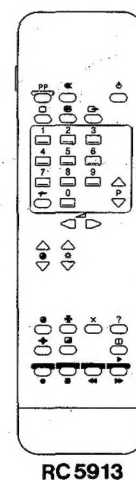
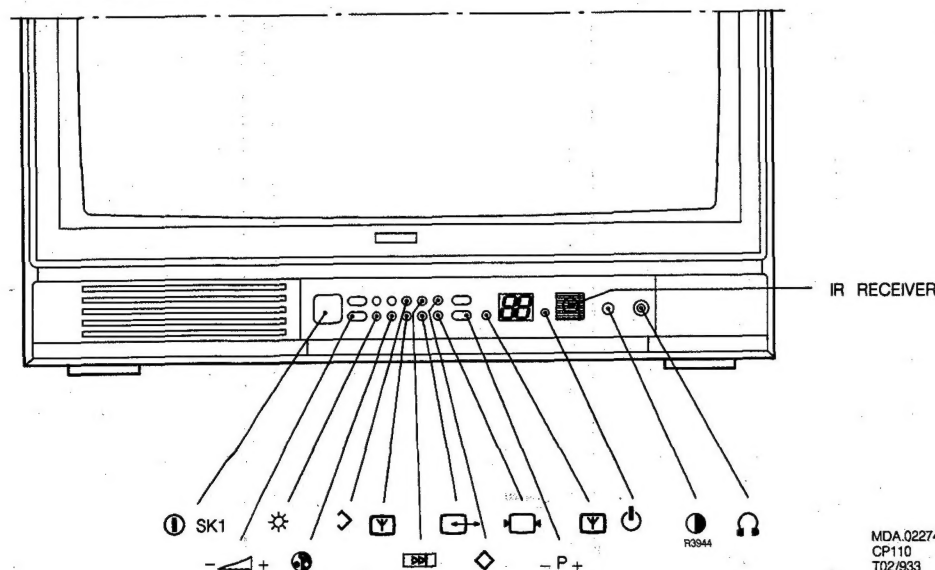


44 973 A11

Service Manual

CHASSIS CP110

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.



RC 5913

MDA 02274
CP110
T02/933

MDA 01507
T07/932



220-240 V ($\pm 10\%$)
50 Hz ($\pm 5\%$)
90 W



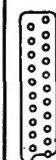
75 Ω coax.



A59EAK01X03



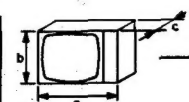
15 Ω /3.5 W
MONO



Audio } Input
Video } Output
RGB-Input



8-1000 Ω



a x b x c
586 x 526 x 428 mm



PAL B/G
PAL I

-/07 UV617/E
UV617

VHFa : 48-105 MHz
VHFb : 112-294 MHz
UHF : 471-855 MHz

-/05
U743

UHF: 471-855 MHz

1	4822 438 20177	Rear cover
2	4822 212 22738	Keyboard
3	4822 404 30871	Bracket
4	4822 462 10281	Headphone socket
6	4822 273 50296	Switch
7	4822 325 10106	Insulator
8	4822 492 63731	Spring
9	4822 325 10105	Insulator
11	4822 267 60243	Socket, scart
12	4822 417 50226	Clamp, blue
13	4822 417 50225	Clamp, red
14	4822 255 70216	Socket, picture tube
16	4822 417 50229	Lock, chassis
17	4822 404 30872	Holder, chassis
18	4822 492 63733	Spring
19	4822 264 50177	Socket, female
20	4822 404 30889	Bracket, mains switch
21	4822 276 12422	Mains switch
22	4822 256 30274	Holder, fuse
23	4822 325 10107	Insulator
24	4822 413 41549	Knob, mains switch
26	4822 492 63732	Spring on mains switch
27	4822 454 12435	Strip, front
28	4822 502 12865	Screw, picture tube
29	4822 505 10903	Nut, picture tube
31	4822 404 30869	Bracket
32	4822 451 80872	Mask
33	4822 320 20153	Cable, HT
34	4822 404 30887	Bracket, rear cover
36	4822 240 20268	Loudspeaker
37	4822 462 41487	Foot rear
38	4822 432 92472	Door
39	4822 462 41486	Foot front
40	4822 417 50252	Locking mechanism
	4822 462 10336	Stand end for -/05
	4822 218 20689	IR transmitter

Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Servicio

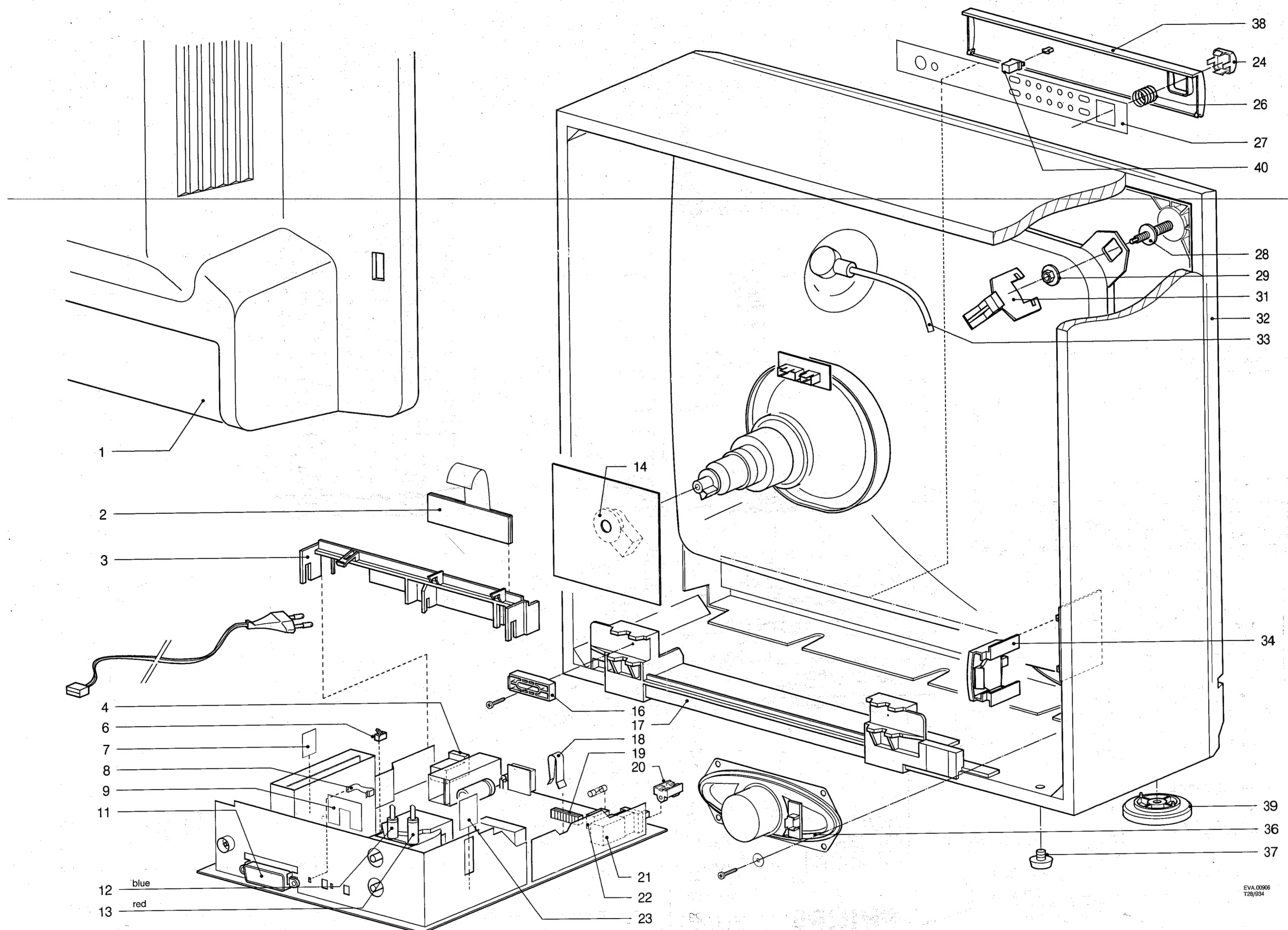


Subject to modification
4822 727 16702

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Service Consumer Electronics



EVA.00906
T28/934

Service Information

1989-04-13

CHASSIS CP 110

CT89-02

(GB)

In the course of production, the carrier panel and the picture tube panel have been modified. These modified panels have been applied in sets whose serial numbers start with QGII, AGII or higher.

Also in sets with serial numbers starting with QG09, AG09, the FLOF teletext has been introduced together with a mask change of the microprocessor:

TMP47C432 - 8188 for TXT CEEFAX
TMP47C432 - 8189 for TXT FLOF

So this means that, depending on the microprocessor, either a TXT CEEFAX or a TXT FLOF can be built into a non-teletext set.

This service information gives the modified and new circuit diagrams, the print layouts of the modified and the new printed boards and the parts lists.

(F)

En cours de production, la platine porteuse et celle du tube image ont été modifiées. Ces platines sont montées dans des appareils dont le n° de série commence par QGII, AGII et suivants.

Dans les appareils dont le n° de série commence par QG09, AG09 et suivants il y a également eu l'introduction du télétexte FLOF. Ceci a été de pair avec un changement du masque du microprocesseur. A savoir:

TMP47C432 - 8188 pour le TXT CEEFAX
TMP47C432 - 8189 pour le TXT FLOF

Ceci signifie donc que dans des appareils ne présentant pas de télétexte, il y a moyen de monter soit un TXT CEEFAX, soit un TXT FLOF, ceci indépendamment de la version du microprocesseur.

Cette Info Service comporte les nouveaux schémas de principe modifiés, les dessins de platines des platines nouvelle et ancienne version et, la liste de pièces.

(NL)

Tijdens productie zijn het dragerpaneel en het beeldbuispaneel gewijzigd. Deze gewijzigde panelen zijn toegepast in apparaten waarvan het serienummer begint met QGII, AGII of hoger.

Tevens is in apparaten waarvan het serienummer begint met QG09, AG09 of hoger de FLOF teletekst ingevoerd. Dit is samen gegaan met een masker wijziging van de microprocessor:

TMP47C432 - 8188 voor TXT CEEFAX
TMP47C432 - 8189 voor TXT FLOF

Dit betekent dus dat in niet teletekst apparaten afhankelijk van de microprocessor versie een TXT CEEFAX of een TXT FLOF ingebouwd kan worden.

In deze service informatie worden de gewijzigde en nieuwe principe schema's, de print lay-outs van de gewijzigde en nieuwe panelen en de stuklijst gegeven.

(D)

Während der Produktion wurden die Trägerplatte und die Bildröhreplatte geändert. Diese geänderten Platten sind in Geräten, deren Seriennummer mit QGII, AGII oder höher anfängt, angewandt.

Gleichzeitig wurde in Geräten, deren Seriennummer mit QG09, AG09 oder höher anfängt, der FLOF-Videotext eingeführt. Dies war verbunden mit einer Maskenänderung des Mikroprozessors. Nämlich:

TMP47C432 - 8188 für TXT CEEFAX
TMP47C432 - 8189 für TXT FLOF

Das bedeutet also, dass in Nicht-Videotext-Geräte je nach Mikroprozessor-Ausführung ein TXT CEEFAX oder ein TXT FLOF eingebaut werden kann.

In dieser Service-Information sind die geänderten und neuen Prinzipschaltbilder, die Printplattenauslegungen der geänderten und neuen Platten und die Stückliste enthalten.

VST2 SYSTEM
SISTEMA VST2

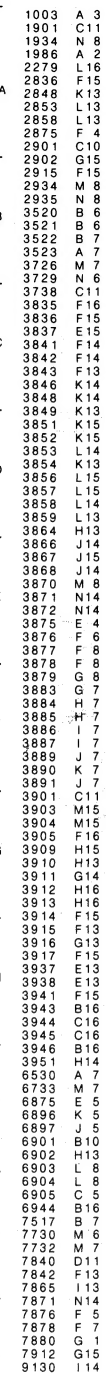
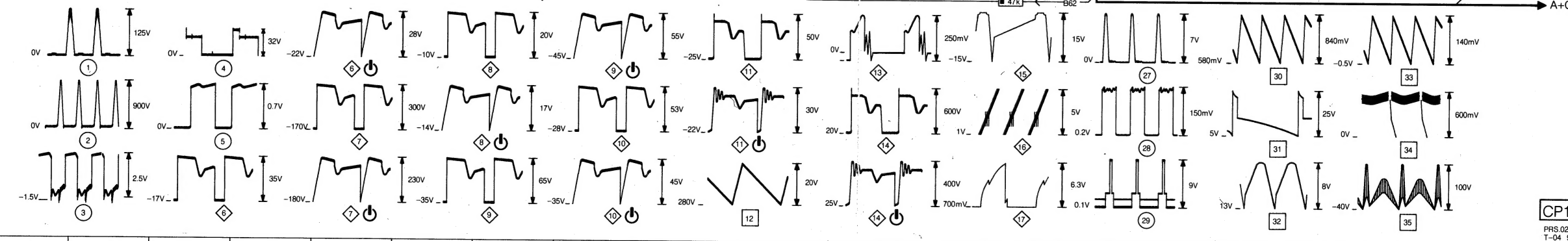
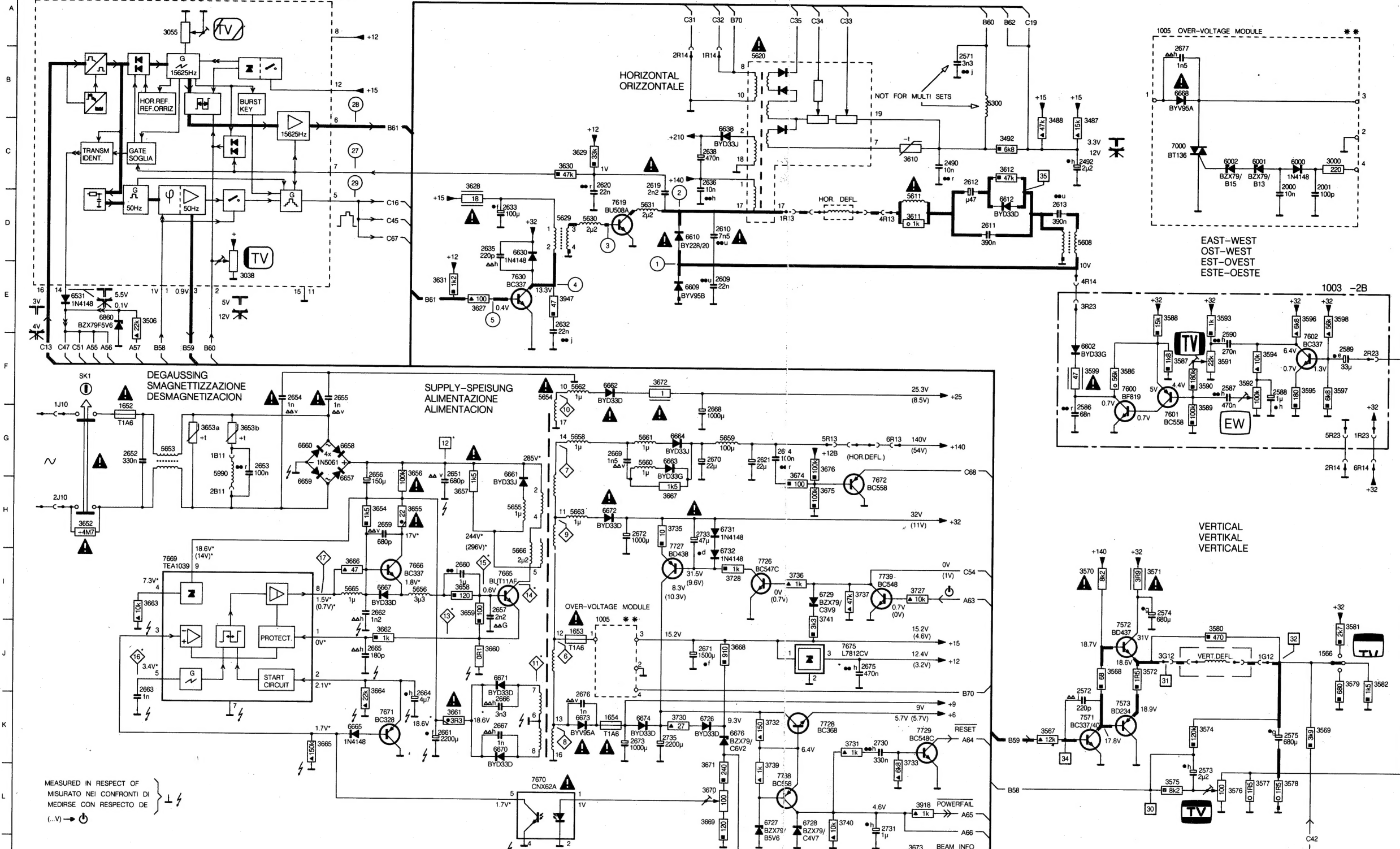


DIAGRAM-SCHALTBILO-SCHAMA-DIAGRAMA B






1001-2B SYNCHRONISATION-SINCROIZZAZIONE-SYNCRONISMO







		1001	A	1	3918	L13	
		1003	E19	3947	E	8	
		1004	I	9	5300	B14	
		1005	A17	5608	D16	9	
		1566	J19	5611	D13	9	
		1652	G	2	5620	B11	
	A	1653	J	8	5629	D	8
		1654	K	9	5630	D	8
		2000	C18	5631	D	9	
		2001	C19	5653	G	2	
		2490	C14	5654	F	8	
		2492	C16	5655	H	7	
		2571	B14	5656	I	6	
		2572	J16	5658	G	8	
		2573	K17	5659	G10	7	
		2574	I17	5660	G	9	
	B	2575	K19	5661	G	9	
		2586	F16	5662	F	8	
		2587	F18	5663	H	8	
		2588	F18	5665	I	5	
		2589	F19	5666	H	8	
		2590	E18	5990	G	3	
		2609	E10	6000	C18	8	
		2610	D10	6001	C18	8	
		2611	D14	6002	C18	8	
	C	2612	C14	6531	E	1	
		2613	D15	6602	F16	6	
		2614	G11	6609	E10	1	
		2619	C	9	6610	D10	
		2620	C	9	6612	D14	
		2621	G11	6630	D	7	
		2632	E	8	6638	C10	
		2633	D	7	6657	G	5
		2635	D	7	6658	G	5
		2636	C10	6659	H	4	
	D	2638	C10	6660	G	4	
		2651	G	7	6661	G	7
		2652	G	2	6662	F	9
		2653	G	4	6663	G10	
		2654	F	4	6664	G10	
		2655	F	5	6665	K	5
		2656	G	5	6667	I	6
		2657	I	7	6668	B17	
		2659	H	6	6670	K	7
	E	2660	K	6	6671	J	7
		2661	K	6	6672	H	9
		2662	I	6	6673	K	8
		2663	J	2	6674	K	9
		2664	J	6	6676	K	11
		2665	J	5	6726	K10	
		2666	K	7	6727	L11	
		2667	K	7	6728	L12	
		2668	F10	6729	L12		
		2669	G	9	6731	H10	
	F	2670	G10	6732	H10		
		2671	J10	6860	E	2	
		2672	H	9	7000	C17	
		2673	K	9	7571	K16	
		2675	J12	7572	I	16	
		2676	J	8	7573	K16	
		2677	A17	7600	F16		
		2730	K13	7601	G17		
		2731	L13	7602	E19		
	G	2733	H10	7619	D	9	
		2735	K10	7630	E	7	
		3000	C19	7665	I	7	
		3038	E	4	7666	I	6
		3055	A	2	7669	I	3
		3487	B16	7670	L	8	
		3488	B15	7671	K	6	
		3492	C14	7672	G13		
		3567	K15	7726	I	11	
	H	3568	J16	7727	H10		
		3569	K19	7728	K12		
		3570	I16	7729	K13		
		3571	I17	7738	L11		
		3572	J16	7739	I	13	
		3574	K17	SK1	F	1	
		3575	L17				
		3576	L18				
		3577	L18				
	I	3578	L19				
		3579	J19				
		3580	I17				
		3581	I19				
		3582	J20				
		3586	F16				
		3587	F17				
		3588	E17				
		3589	F17				
	J	3590	F18				
		3591	F18				
		3592	F18				
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		3594	F18				
		3595	F19				
		3596	E19				
		3597	F19				
		3598	F19				
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		3612	C14				
		3627	E	7			
		3628	C	7			
		3629	C	8			
		3630	C	8			
		3631	E	6			
		3632	H	1			
		3653	G	3			
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		3654	H	6			
		3655	H	6			
		3656	H	6			
		3657	H	7			
		3658	I	7			
		3659	I	7			
		3660	J	7			
		3661	K	7			
		3662	J	6			
	M	3663	I	2			
		3664	J	6			
		3665	K	5			
		3666	I	5			
		3667	H10				
		3668	J11				
		3669	L10				
		3670	L10				
		3671	K10				
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		3674	G11				
		3675	H12				
		3676	G12				
		3727	I	13			
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CP110
PRS 02083
T-04 911








CARRIER PANEL

 CNX62A 4822 130 80908 HCF4053BE 4822 209 10576 LA7910 4822 209 10892 LN524RAP 4822 130 90388 L7812CV 5322 209 86176 TDA3562A/N5 4822 209 71751 TDA8190 4822 209 70872 TEA1039/N4 4822 209 83104 TMP47C432AP 4822 209 72038 mask 8188 TMP47C432AP 4822 209 73665 mask 8189	 5108 4822 157 53064 5109 4822 157 53064 5259 4822 157 52287 5260 4822 157 53065 5260 4822 157 52265 for amtsblatt 5261 4822 157 52807 5262 4822 157 53093 5270 4822 157 52808 5271 4822 157 53252 5300 4822 157 51462
 BC328 4822 130 44104 BC337 4822 130 40855 BC337-40 4822 130 41344 BC368 5322 130 44647 BC547C 4822 130 44503 BC548 4822 130 40938 BC548B 4822 130 40937 BC548C 4822 130 44196 BC558 4822 130 40941 BD234 4822 130 40917 BD437 4822 130 40982 BD438 4822 130 40995 BUT11AF 4822 130 42679 BU508A 4822 130 60263 PH2369 4822 130 41594	5608 4822 157 53069 5611 4822 150 50073 line output 5620 4822 140 10325 line driver 5629 4822 140 10324 5630 4822 157 5631 4822 157 53308 5653 4822 157 53068 5654 4822 148 60165 SOPS 5655 4822 157 51195 5656 4822 157 51157 5658 4822 157 51195 5659 4822 157 5660 4822 157 51195 5661 4822 157 51195 5662 4822 157 51195 5663 4822 157 51195 5665 4822 157 52223 5666 4822 157
 BYD33D 4822 130 42488 BYD33G 4822 130 42489 BYD33J 4822 130 42606 BYV95A 4822 130 41601 BYV95B 4822 130 41486 BY228/20 4822 130 81099 BZX79-C3V9 4822 130 31981 BZX79-C4V7 4822 130 34174 BZX79-C5V6 4822 130 34173 BZX79-C6V2 4822 130 80303 CQS51-4 4822 130 80309 ZTK33B 4822 130 30959 1N4148-75 4822 130 33939 1N5061 4822 130 31933	 3102 4822 111 30499 4.7 Ω 0.33W 3280 4822 100 20148 1 k Ω potm. 3283 4822 111 30593 3.3 Ω 0.33W 3570 4822 116 51166 8.2 k Ω 2.5W 3571 4822 111 30821 3.9 Ω 0.5W 3576 4822 101 10818 100 Ω potm. 3610 4822 116 30323 150 k Ω NTC 3628 4822 111 30504 6.8 Ω 0.33W 3653 4822 116 40065 PTC 3656 4822 116 80288 100 k Ω 2W 3657 4822 116 81761 1.5 k Ω 7W 3660 4822 113 80429 0.1 Ω 2W 3667 5322 116 54272 1.5 k Ω 2.5W 3670 4822 100 10361 100 Ω potm. 3672 4822 111 30483 1 Ω 0.33W 3875 4822 111 30593 3.3 Ω 0.33W 3909 4822 116 52204 1 k Ω 0,125 W 3944 4822 101 10819 50 k Ω potm.



CARRIER PANEL

					
2113	4822 124 41334	470 μ F 35 V	10J	4822 290 60626	2P
2123	4822 124 40435	10 μ F 50 V	11B	4822 267 40653	2P
2267	4822 125 50045	20 pF trimm.	12G	4822 265 30273	3P
2521	4822 124 40434	22 μ F 35V	13R	4822 267 30546	6P
2526	4822 124 40434	22 μ F 35V	14R	4822 267 30546	6P
2571	4822 122 30099	3.3 nF 100V	15G	4822 265 40252	7P
2610	5322 121 44357	7.5 nF 2kV	16R	4822 267 40653	2P
2611	4822 121 40479	390 nF 250V	17	4822 264 50177	10P for coil cable
2612	4822 124 22417	470 nF 160V	18G	4822 266 30276	4P
2619	4822 121 41339	2.2 nF 2kV	19G	4822 265 40503	5P
2620	4822 121 40516	22 nF 250V	20G	4822 265 40469	6P
2621	4822 124 22257	22 μ F 250V	21G	4822 265 40471	8P
2638	4822 121 51252	470 nF 63V	Various		
2652	4822 121 51424	330 nF 250V			
2656	4822 124 22172	150 μ F 385V	1000	4822 212 22746	IR receiver
2663	4822 121 41531	1000 pF 250V	1001	4822 212 22739	SYNC/IF-B/G
2668	4822 124 40724	1000 μ F 35V	1001	4822 212 22771	SYNC/IF-I
2670	4822 124 22257	22 μ F 250V	1001	4822 212 22769	SYNC/IF-Multi Fr
2672	4822 124 40724	1000 μ F 35V	1001	4822 212 22885	SYNC/IF-Multi Eur
2673	4822 124 40201	1000 μ F 16V	1001	4822 212 22886	SYNC/IF K-B/G
2735	4822 124 40723	2200 μ F 16V	1002	4822 210 40273	UV617
2934	4822 122 32149	27 pF 100V	1002	4822 210 40279	UV617/E
2935	4822 122 32149	27 pF 100V	1002	4822 210 10299	UV627
			1002	4822 210 50118	U743
1652	4822 253 30024	T1.6A	1030	4822 276 12422	mains-switch (SK1)
1653	4822 253 10046	T1.6A	1059	4822 212 22738	keyboard foil assy.
1654	4822 253 10046	T1.6A	1059	4822 276 80317	keyboard foil assy. multi
			1103	4822 242 71841	filter SFE6.0 MA
10J	4822 265 40596	2P	1104	4822 242 70714	filter SFE5.5 MA
11B	4822 265 30389	2P	1104	4822 242 72059	filter SFT6.5 MA
12G	4822 265 30407	3P	1104	4822 242 71841	filter SFT6.0 MA
13R	4822 267 40722	6P	1262	4822 157 51056	delay line DL330
14R	4822 267 40722	6P	1267	4822 242 70626	crystal 8.867238 MHz
15G	4822 290 40295	7P	1270	4822 320 40096	delay line DL701
16R	4822 267 40665	3P	1566	4822 273 50296	switch 3P
18G	4822 417 50217	4P	1901	4822 138 10229	battery 2.5V
19G	4822 267 40648	5P	1934	4822 242 70831	filter 4 MHz
20G	4822 267 50591	6P		4822 256 30274	fuse holder
21G	4822 264 50148	8P		4822 462 10281	headphone socket
				4822 267 60243	scart socket
				4822 492 63733	slide spring fix.transistor
				4822 492 63731	spring fix. transistor





PICTURE TUBE PANEL

			
BC337	4822 130 40855		
BC548B	4822 130 40937		
BC556	4822 130 40989		
BC558	4822 130 40941		
BF422	4822 130 41782		
BF423/01	4822 130 60703		
BF819	4822 130 42159		
BF869	4822 130 41773		
			
BAV21	4822 130 30842		
BYD33G	4822 130 42489		
1N4148-75	4822 130 33939		
			
5401	4822 157 53941		
			
3403	5322 116 53741	5.1 kΩ	0.5 W
3426	4822 116 80327	137 kΩ	0.5 W
3427	4822 116 80327	137 kΩ	5 W
3428	4822 116 80327	137 kΩ	0.5 W
3439	4822 116 52399	1.5 kΩ	0.5 W
3440	4822 116 52399	1.5 kΩ	0.5 W
3444	4822 116 52399	1.5 kΩ	0.5 W
3445	5322 116 80275	470 Ω	0.5 W
3460	4822 111 50518	1.5 kΩ	0.5 W
3591	4822 100 10051	22 kΩ	potm.
3592	4822 100 10052	100 kΩ	potm.
3599	5322 116 80277	47 Ω	0.5W
			
2407	4822 122 33376	7,5 nF	1kV
			
22G	4822 290 40295	7P	
23R	4822 267 40722	6P	
			
22G	4822 265 40252	7P	
23R	4822 267 30546	6P	
	4822 255 70216	socket PT	

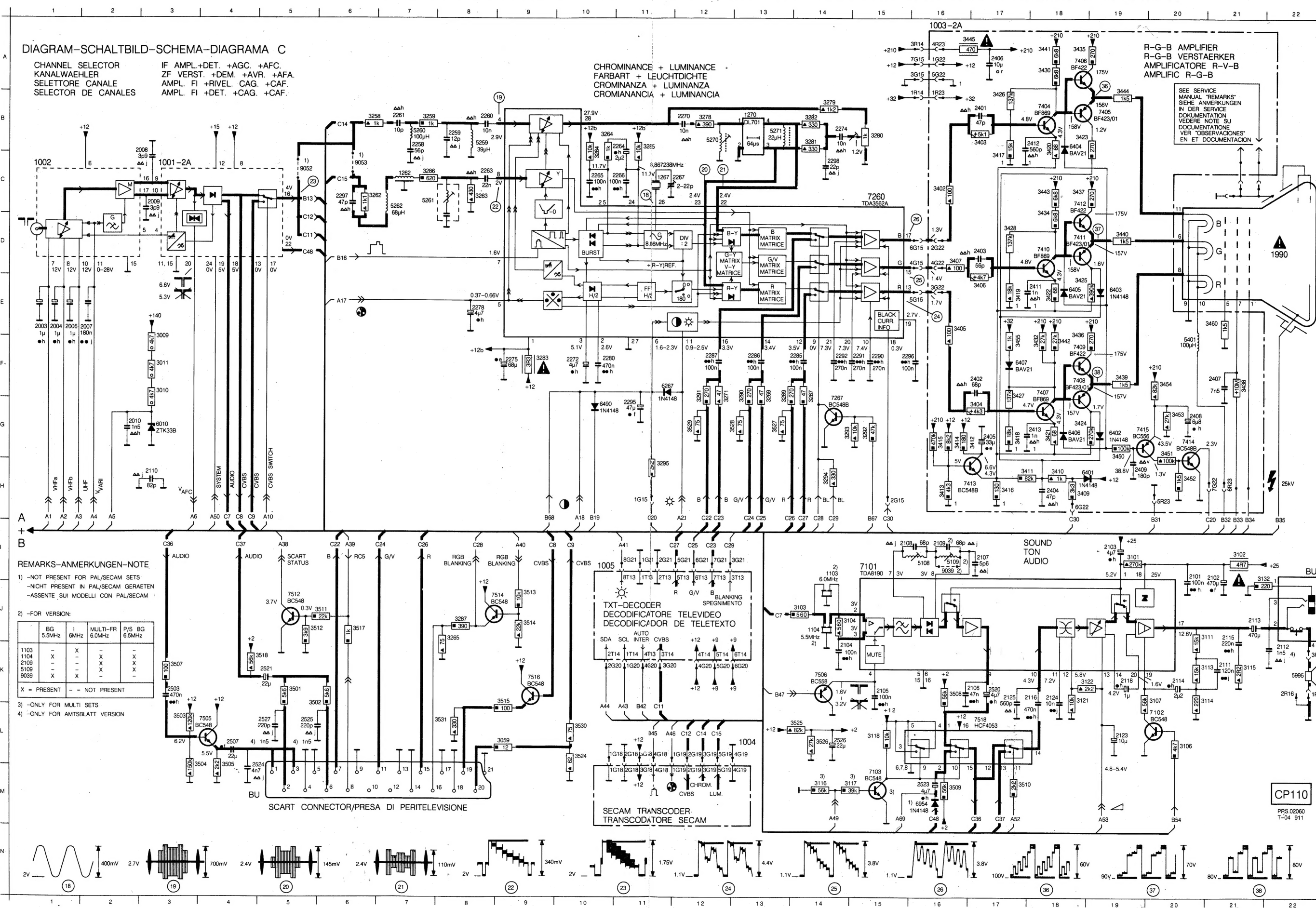
MUTE PANEL

	
BC548B	4822 130 40937
BC558B	4822 130 44197
	
1N4148-30	4822 130 33941

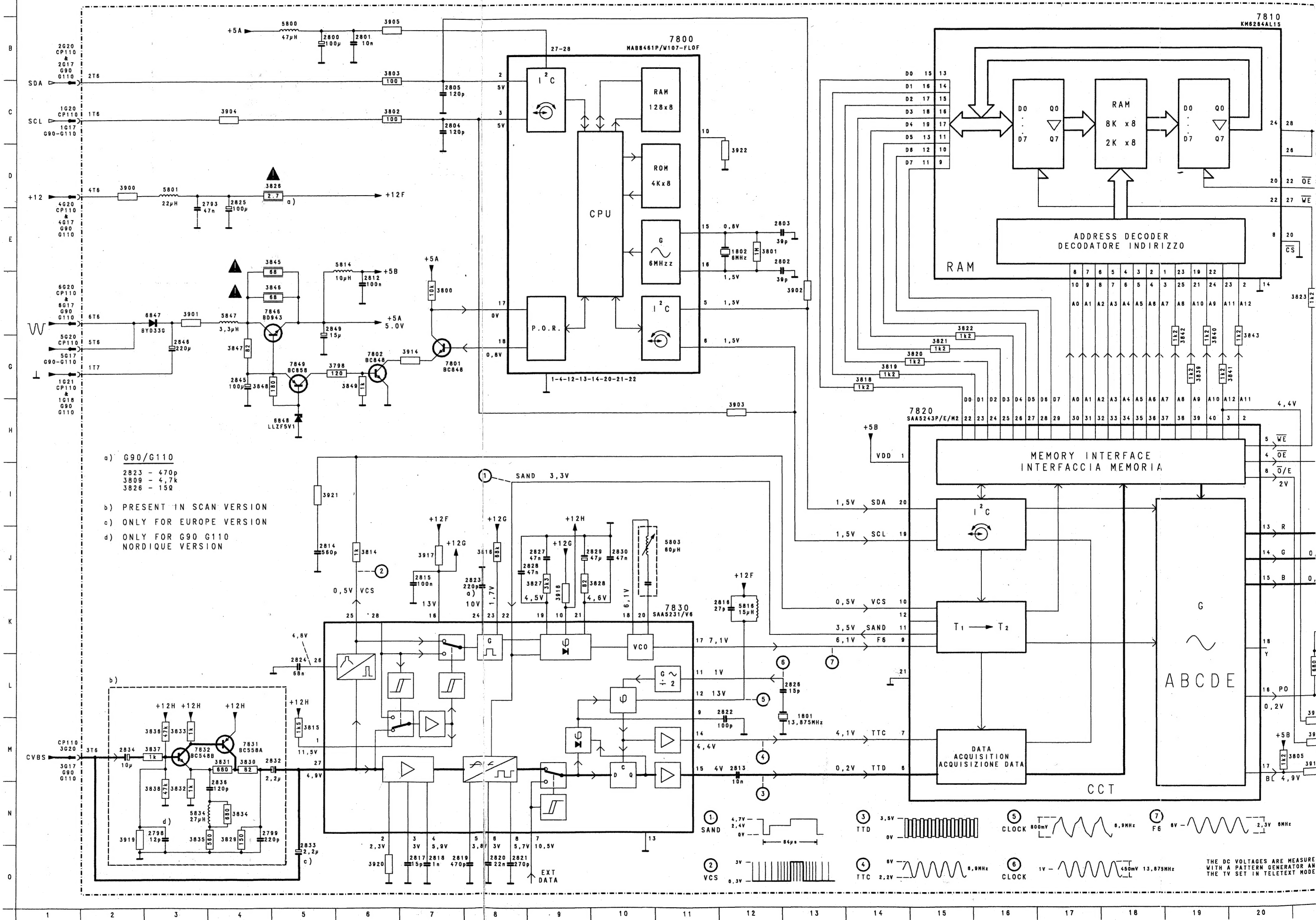
OVERVOLTAGE PANEL

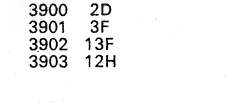
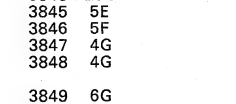
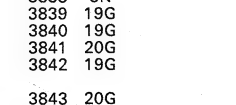
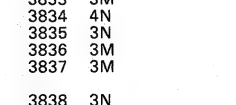
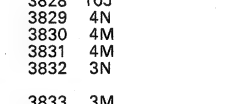
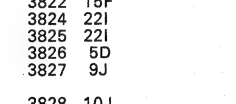
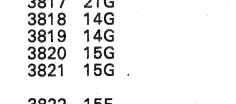
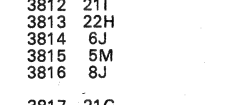
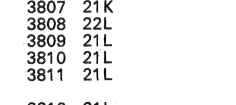
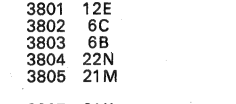
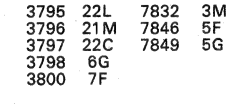
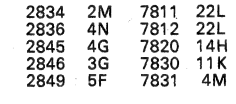
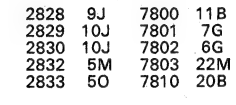
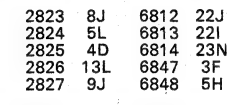
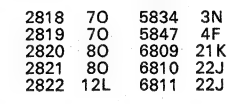
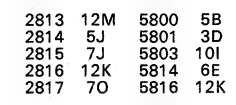
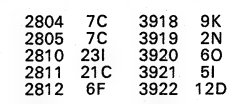
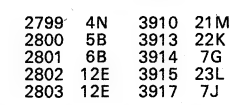
		
BT135	4822 130 20248	
		
BYV95A	4822 130 41601	
BZX79-B15	4822 130 34281	
BZX79-B13	4822 130 34195	
		
3000	4822 111 90178	220 Ω 0,125 W
		
2000	4822 121 41815	100 nF 100 V
2001	4822 122 31211	100 pF 500 V
2677	4822 122 10174	1,5 nF 50 V

1001	C 3	1270	B13	2101	120	2110	H 3	2124	K18	2266	C11	2286	F13	2401	B17	2411	E18	2525	L 5	3103	J14	3117	M15	3264	B10	3282	B14	3292	G15	3407	D18	3417	C17	3426	B17	3438	F21	3451	G20	3504	M 4	3514	J 9	3529	G12	5270	B12	6404	B18	7260	C15	7411	D18	7516	K 9
1002	C 1	1990	D22	2102	121	2111	K21	2125	K17	2267	C12	2287	F12	2402	F17	2412	B18	2526	L14	3104	J15	3118	L15	3265	B10	3283	F 9	3293	G14	3409	H18	3418	G17	3427	F17	3439	F19	3452	H20	3505	M 4	3515	K 3	3530	G12	5271	B12	6405	B18	7261	F14	7412	C18	7517	L17
1003	A16	2003	E 1	2103	119	2112	K22	2258	B 7	2270	B10	2290	F15	2403	D17	2413	G18	2527	L 5	3106	J14	3117	M15	3266	B10	3284	B10	3294	H14	3410	H18	3419	E17	3428	D17	3440	A18	3453	G20	3507	K 3	3517	J 6	3531	L 8	5401	F20	6406	G18	7404	B18	7413	H17	9053	C 5
1004	L13	2004	E 1	2104	K14	2113	J21	2259	B 8	2272	F10	2291	F15	2404	H18	2503	K 3	3009	F 3	3107	K20	3122	K19	3269	F13	3285	B11	3295	H14	3411	H17	3420	B18	3430	A18	3441	A18	3454	F20	3508	K16	3518	K 5	5108	L16	5995	K22	6407	F17	7405	B18	7414	C18	7516	L17
1005	I10	2006	E 1	2105	K15	2114	K20	2260	B 8	2274	B14	2292	F14	2405	G17	2507	L 4	3010	F 3	3111	J21	3132	I21	3271	F12	3286	C 7	3402	G16	3412	G17	3421	G18	3432	F18	3442	F18	3455	F17	3509	M16	3524	L10	5109	L16	6010	G 3	6490	G10	7406	A18	7415	G19	9053	C 5
1103	I14	2007	E 2	2106	K17	2115	J21	2261	B 7	2275	F 9	2295	G11	2406	A17	2520	K17	3011	F 3	3113	J21	3132	I21	3271	F12	3286	C 7	3402	G16	3412	G17	3421	G18	3432	F18	3442	F18	3455	F17	3509	M16	3524	L10	5109	L16	6010	G 3	6490	G10	7406	A18	7415	G19	9053	C 5
1104	J14	2008	B 3	2107	I17	2116	K18	2263	C 8	2278	E 8	2296	F16	2407	F21	2521	K15	3059	F 3	3114	J21	3132	I21	3271	F12	3286	C 7	3402	G16	3412	G17	3421	G18	3432	F18	3442	F18	3455	F17	3509	M16	3524	L10	5109	L16	6010	G 3	6490	G10	7406	A18	7415	G19	9053	C 5
1262	C 7	2009	C 3	2108	I15	2118	L19	2264	B11	2280	F10	2297	C 6	2408	G20	2523	M16	3101	I19	3115	K21	3262	C 7	3280	B15	3290	F13	3405	E16	3415	G16	3424	G18	3435	E18	3445	A16	3502	K 6	3512	J 6	3527	G13	5261	C 7	6403	G19	7102	L20	7409	F18	7512	J 5		
1267	C11	2010	G 2	2109	I16	2123	L19	2265	C10	2285	F14	2298	C14	2409	H19	2524	M 5	3102	I21	3116	M14	3263	C 8	3281	B14	3291	F12	3406	E17	3416	H17	3425	E18	3437	C18	3450	G19	3503	L 3	3513	J 9	3528	G12	5262	C 7	6403	E19	7103	M15	7410	D18	7514	J 9		



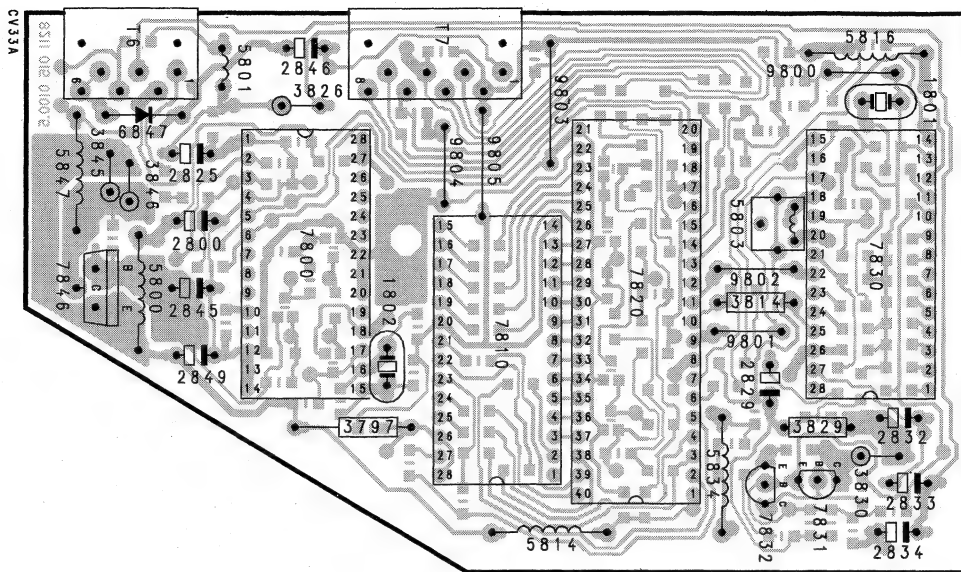
G90-G110-CP90-CP110 EUROPE & NORDIQUE
TXT-DECODER-DECODIFICATEUR TELETTESTO-DECODEUR TELETTEXTE-DECODIFICADOR DE TELETTEXTO-FLOF



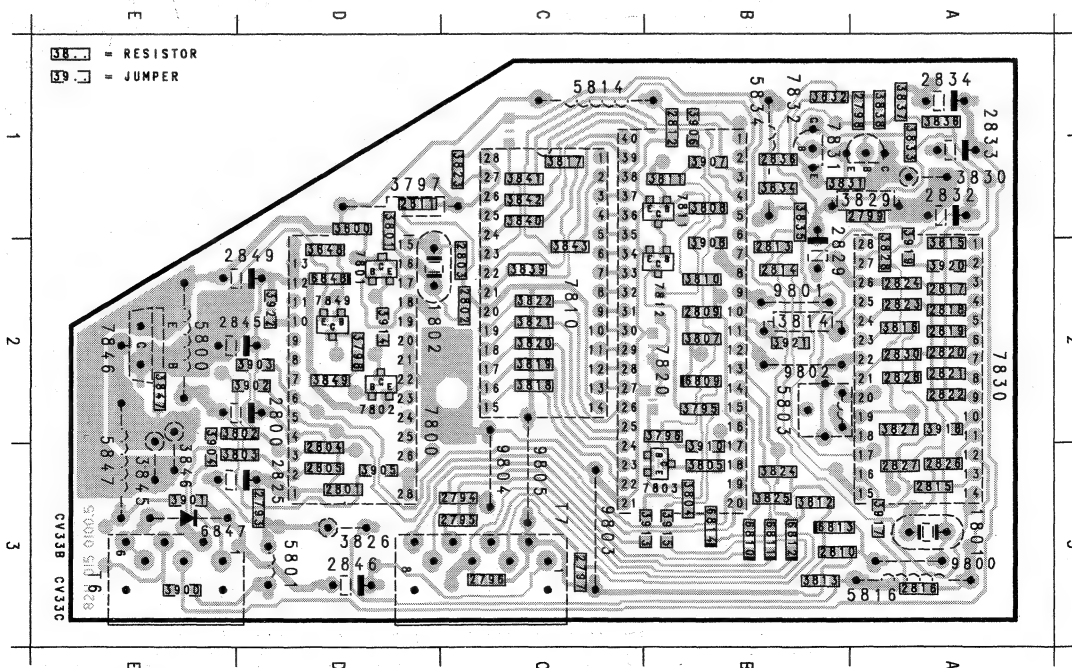


TO CHASSIS
CP110 20 G
G90-G110 17 G

TO CHASSIS
CP110 21 G
G90-G110 18 G



1801	3A	2819	2A	3802	2D	3829	1A	3905	3D	6813	3B
1802	2D	2820	2A	3803	3D	3830	1A	3906	1B	6814	3B
2793	3D	2821	2A	3804	3B	3831	1B	3907	1B	6847	3E
2794	3C	2822	2A	3805	3B	3832	1B	3908	2B	6848	2D
2795	3C	2823	2A	3807	2B	3833	1A	3910	3B	7800	2D
2796	3C	2824	2A	3808	1B	3834	1B	3913	3B	7801	2D
2797	3C	2825	3D	3810	2B	3835	1B	3914	2D	7802	2D
2798	1A	2826	3A	3811	1B	3836	1A	3915	3B	7803	3B
2799	1A	2827	3A	3812	3B	3837	1A	3917	3A	7810	2C
2800	2D	2828	2A	3813	3B	3838	1A	3918	2A	7811	1B
2801	3D	2829	2B	3814	2B	3839	2C	3919	2A	7812	2B
2802	2C	2830	2A	3815	2A	3840	1C	3920	2A	7820	2B
2803	2C	2832	1A	3816	2A	3841	1C	3921	2B	7830	2A
2804	3D	2833	1A	3817	1C	3842	1C	3922	2D	7831	1B
2805	3D	2834	1A	3818	2C	3843	2C	5800	2E	7832	1B
2809	2B	2836	1B	3819	2C	3845	3E	5801	3D	7846	2E
2810	3B	2845	2D	3820	2C	3846	3E	5803	2B	7849	2D
2811	1D	2846	3D	3821	2C	3847	2E	5814	1C	9800	3A
2812	1B	2849	2D	3822	2C	3848	2D	5816	3A	9801	2B
2813	2B	3795	2B	3823	1C	3849	2D	5834	1B	9802	2B
2814	2B	3796	2B	3824	3B	3900	3E	5847	3E	9803	3C
2815	3A	3797	1D	3825	3B	3901	3E	6809	2B	9804	3C
2816	3A	3798	2D	3826	3D	3902	2D	6810	3B	9805	3C
2817	2A	3800	1D	3827	2A	3903	2D	6811	3B		
2818	2A	3801	1D	3828	2A	3904	3E	6812	3B		



1005 TXT FLOF MODULE

REMARKS			1) only for NORDIC sets 2) not for NORDIC sets		
Mechanical parts					
21	4822 265 40469	6p female gold plated			
22	4822 265 40471	8p female gold plated			
Various parts					
1801	4822 242 71417	crystal 13.875 MHz			
1802	4822 242 71508	filter 6.0 MHz			
II					
2793	4822 122 32542	47nF 10% 50V			
2794	4822 122 31769	18pF 5% 50V			
2795	4822 122 31769	18pF 5% 50V			
2796	4822 122 31769	18pF 5% 50V			
2797	4822 122 31769	18pF 5% 50V			
2799 1)	4822 122 33637	220pF 10% 50V			
2800	4822 124 41584	100µF 20% 10V			
2801	4822 122 33478	10nF 20%			
2802	4822 122 31972	39pF 5% 50V			
2803	4822 122 31972	39pF 5% 50V			
2804	4822 122 31766	120pF 5% 50V			
2805	4822 122 31766	120pF 5% 50V			
2810	4822 122 33496	100nF 10% 63V			
2811	4822 122 33496	100nF 10% 63V			
2812	4822 122 33496	100nF 10% 63V			
2813	4822 122 33478	10nF 20%			
2814	4822 122 31773	560pF 5% 50V			
2815	4822 122 33496	100nF 10% 63V			
2816	4822 122 31825	27pF 5% 50V			
2817	4822 122 32504	15pF 5% 50V			
2818	5322 122 31647	1nF 10% 50V			
2819	4822 122 31727	470pF 5%			
2820	4822 122 31797	22nF 10% 63V			
2821	4822 122 32142	270pF 5% 63V			
2822	4822 122 31765	100pF 5% 50V			
2823	4822 122 33637	220pF 10%			
2824	4822 122 32891	68nF 20% 50V			
2825	4822 124 41568	100µF 20% 16V			
2826	4822 122 32504	15pF 5% 50V			
2827	4822 122 32542	47nF 10% 50V			
2828	4822 122 32542	47nF 10% 50V			
2829	4822 124 41506	47µF 20% 16V			
2830	4822 122 32542	47nF 10% 50V			
2832 1)	4822 124 41585	2.2µF 20% 50V			
2833 2)	4822 124 41585	2.2µF 20% 50V			
2834 1)	4822 124 41626	10 µF 20% 16V			
2836 1)	4822 122 31766	120pF 5% 50V			
2845	4822 124 41584	100µF 20% 10V			
2846	4822 124 41554	220µF 20% 10V			
2849	4822 124 41586	15 µF 20% 16V			
III					
3795	4822 111 90571	3k9 2% 0.125W			
3796	4822 111 90339	120R 2% 0.125W			
3797	4822 116 52176	10R 5% 0.5W			
3798	4822 111 90339	120R 2% 0.125W			
IV					
3800	4822 111 90249	10k 2% 0.125W			
3801	5322 111 90094	1M 5% 0.125W			
3802	5322 111 90091	100R 2% 0.125W			
3803	5322 111 90091	100R 2% 0.125W			
3804	4822 111 90091	100R 2% 0.125W			
3805	5322 111 90096	1k2 2% 0.125W			
3807	4822 111 90569	2k7 2% 0.125W			
3808	4822 111 90249	10k 2% 0.125W			
3809	4822 111 90162	680R 2% 0.125W			
3810	5322 111 90267	33k 2% 0.125W			
3811	4822 111 90251	22k 2% 0.125W			
3812	4822 111 90157	3k3 2% 0.125W			
3813	4822 111 90154	270R 2% 0.125W			
3814	4822 116 52204	1k 5% 0.5W			
3815	4822 111 90151	1k5 2% 0.125W			
3816	4822 111 90202	68k 2% 0.125W			
3817	5322 111 90096	1k2 2% 0.125W			
3818	5322 111 90096	1k2 2% 0.125W			
3819	5322 111 90096	1k2 2% 0.125W			
3820	5322 111 90096	1k2 2% 0.125W			
3821	5322 111 90096	1k2 2% 0.125W			
3822	5322 111 90096	1k2 2% 0.125W			
3823	5322 111 90096	1k2 2% 0.125W			
3824	4822 111 90157	3k3 2% 0.125W			
3825	4822 111 90157	3k3 2% 0.125W			
3826	4822 111 30494	2R7 5% 0.33W			
3827	4822 111 90157	3k3 2% 0.125W			
3828	4822 111 90124	82R 2% 0.125W			
3829 1)	4822 116 52211	150R 5% 0.5W			
3830 1)	4822 116 52379	82R 5% 0.5W			
3831 1)	4822 111 90162	680R 2% 0.125W			
3832 1)	5322 111 90092	1k 2% 0.125W			
3833 1)	5322 111 90092	1k 2% 0.125W			
3834 1)	4822 111 90162	680R 2% 0.125W			
3835 1)	5322 111 90113	560R 2% 0.125W			
3836 1)	4822 111 90543	47k 2% 0.125W			
3837 1)	5322 111 90092	1k 2% 0.125W			
3838 1)	4822 111 90543	47k 2% 0.125W			
3839	5322 111 90096	1k2 2% 0.125W			
3840	5322 111 90096	1k2 2% 0.125W			
3841	5322 111 90096	1k2 2% 0.125W			
3842	5322 111 90096	1k2 2% 0.125W			
3843	5322 111 90096	1k2 2% 0.125W			
3845	4822 111 30531	68R 5% 0.33W			
3846	4822 111 30531	68R 5% 0.33W			
3847	4822 111 90124	82R 2% 0.125W			
3848	5322 111 90242	180R 2% 0.125W			
3849	5322 111 90092	1k 2% 0.125W			
3900	4822 111 90163	jumper			
3901	4822 111 90163	jumper			
3904	4822 111 90163	jumper			
3905	4822 111 90163	jumper			
3906	4822 111 90163	jumper			
3908	4822 111 90163	jumper			
3910	4822 111 90163	jumper			
3913	4822 111 90163	jumper			
3914	4822 111 90163	jumper			
3915	4822 111 90163	jumper			
3917	4822 111 90163	jumper			
3918	4822 111 90163	jumper			
3919	4822 111 90163	jumper			
3921	4822 111 90163	jumper			
3922	4822 111 90163	jumper			

1005 TXT FLOF MODULE



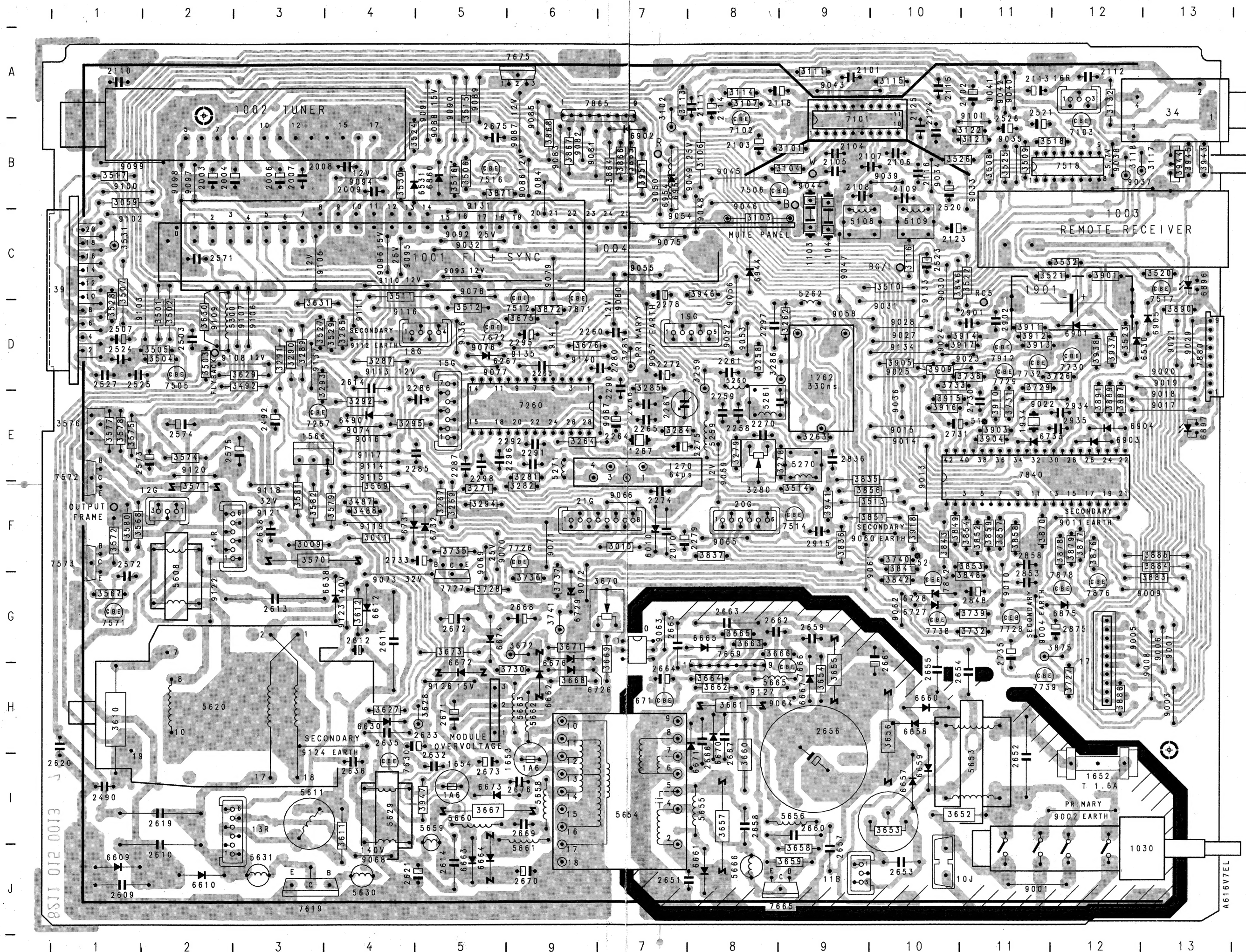
5800	4822 156 20966	47μH 10%
5801	4822 157 53252	22μH 5%
5803	4822 157 52825	60μH
5814	4822 157 53608	10μH 10%
5816	4822 157 52224	15μH 10%
5834 1)	4822 157 53001	27μH 10%
5847	4822 157 51157	3.3μH 10%



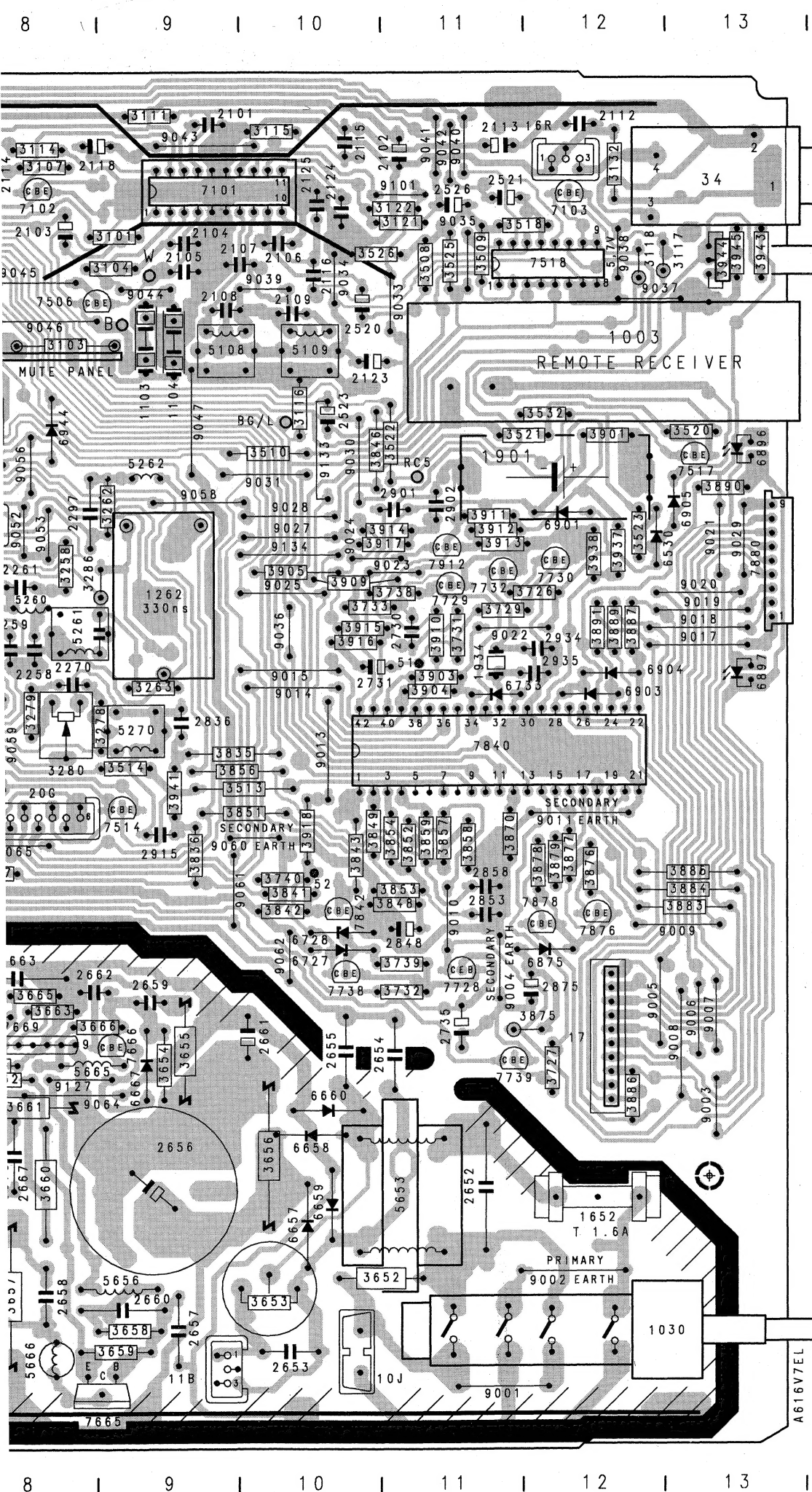
6809	4822 130 80446	LL4148
6810	4822 130 80446	LL4148
6811	4822 130 80446	LL4148
6812	4822 130 80446	LL4148
6813	4822 130 80906	LLZ-C7V5
6814	4822 130 80446	LL4148
6847	4822 130 42489	BYD33G
6848	4822 130 80905	LLZ-F5V1



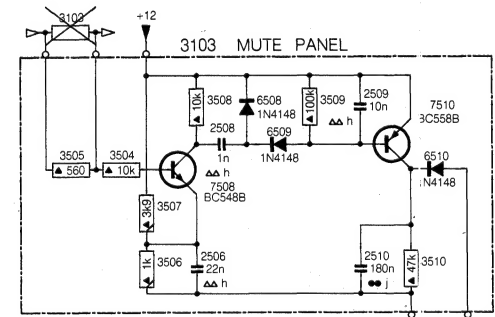
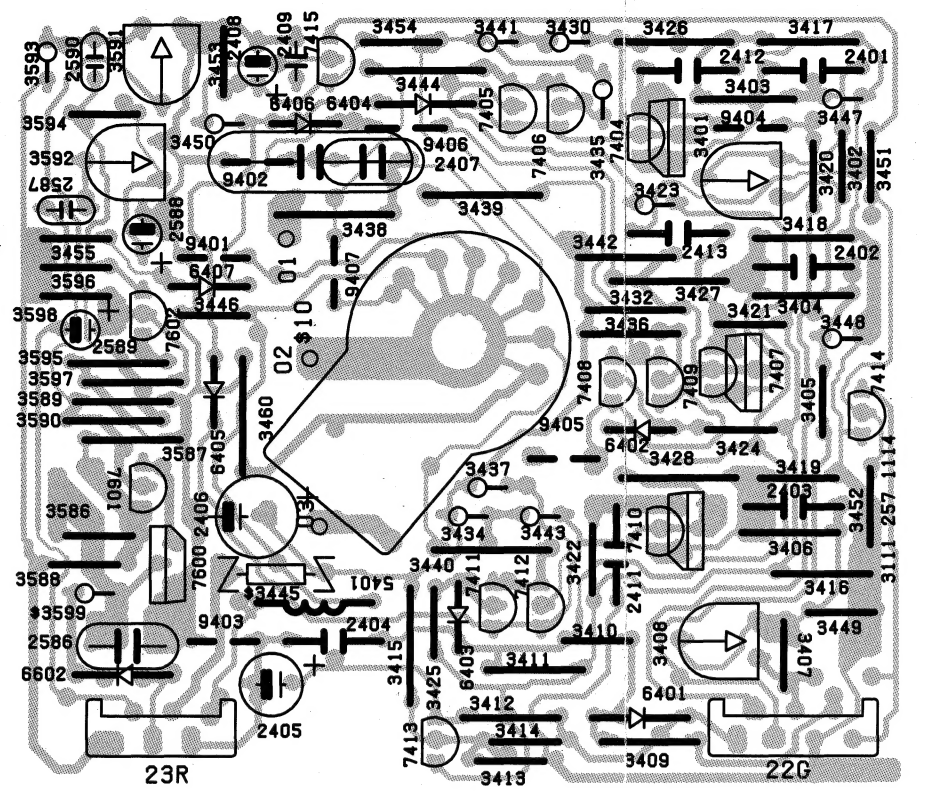
7800	4822 209 72355	MAB8461P/W107
7801	4822 130 61207	BC848
7802	4822 130 61207	BC848
7803	5322 130 41982	BC848B
7810	4822 209 73584	KM6264AL-15
7811	5322 130 41982	BC848B
7812	5322 130 60159	BC846B
7820	4822 209 73879	SAA5243P/E/M2
7830	4822 209 72972	SAA5231/V6
7831 1)	4822 130 40962	BC558A
7832 1)	4822 130 40937	BC548B
7846	5322 130 44921	BD943
7849	5322 130 42012	BC858

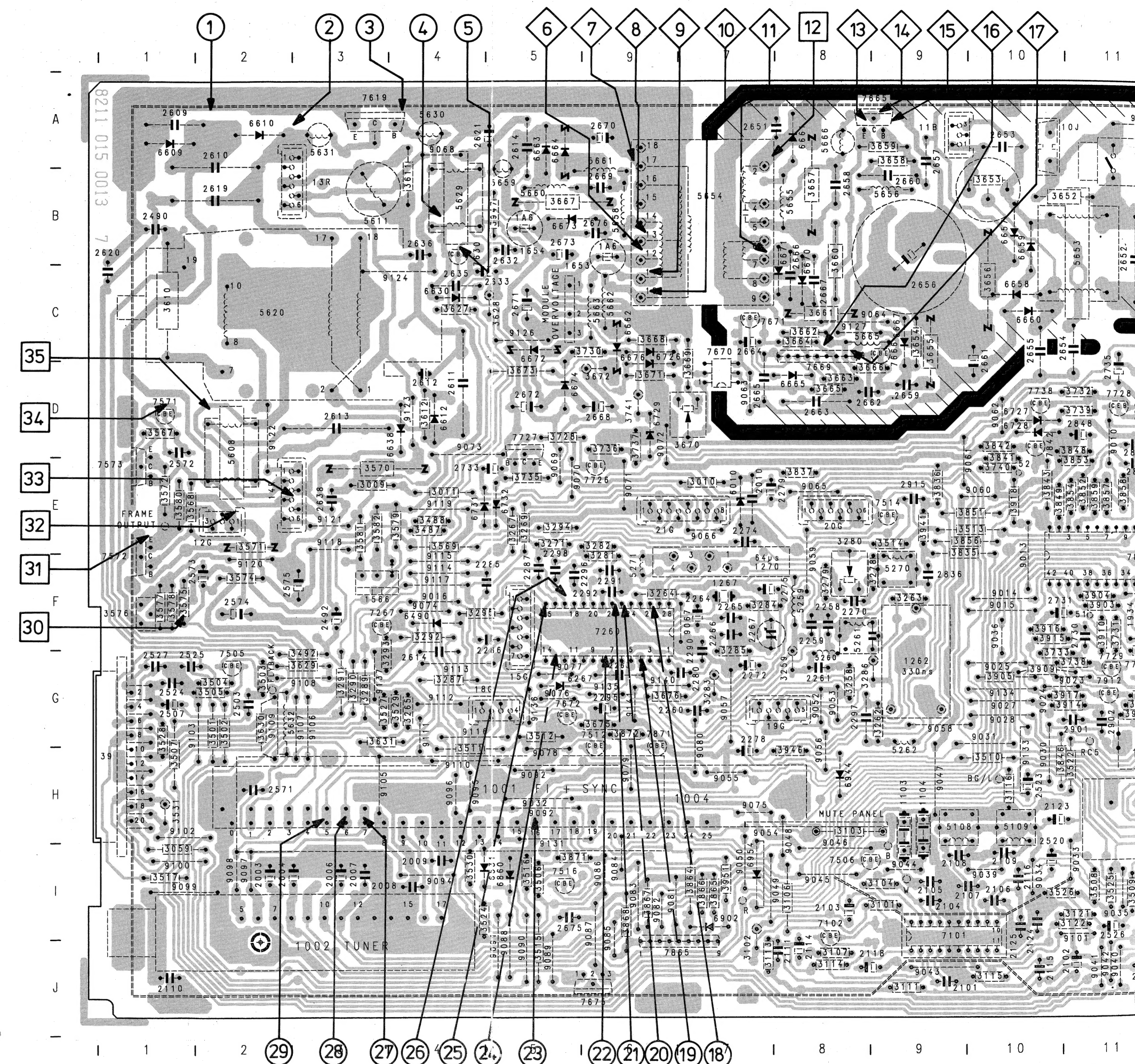
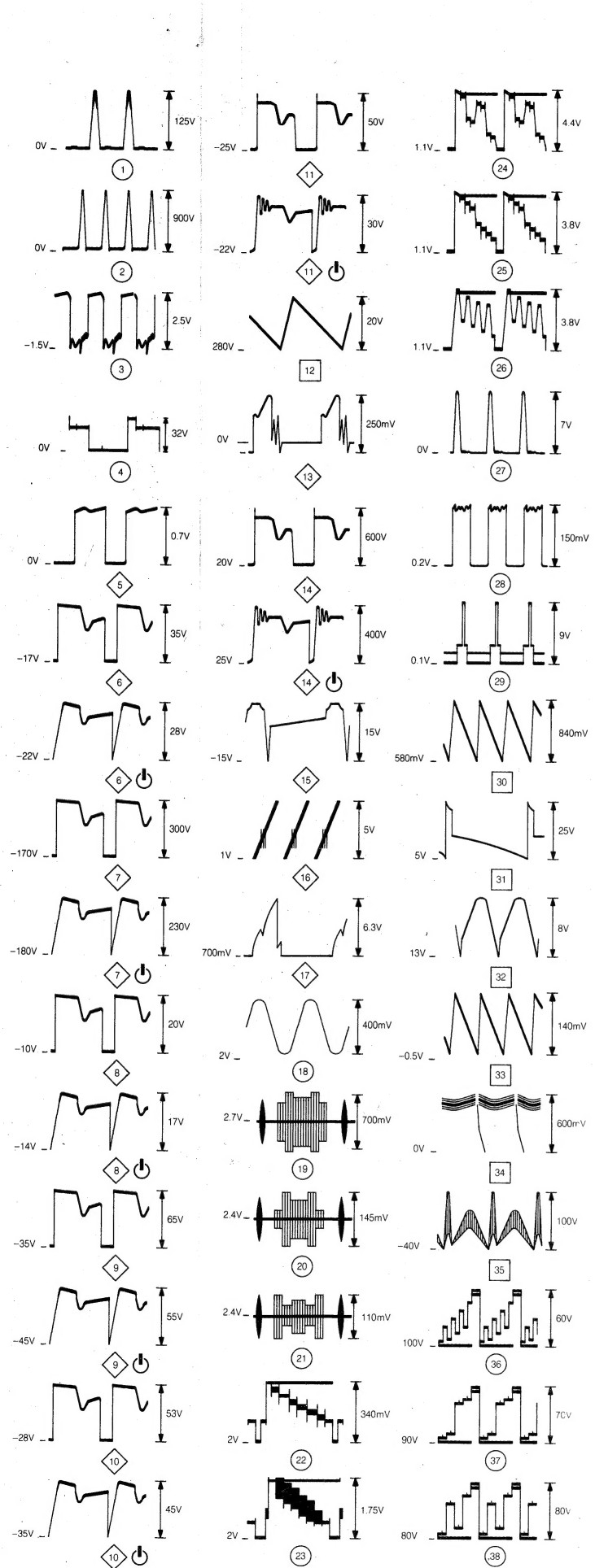


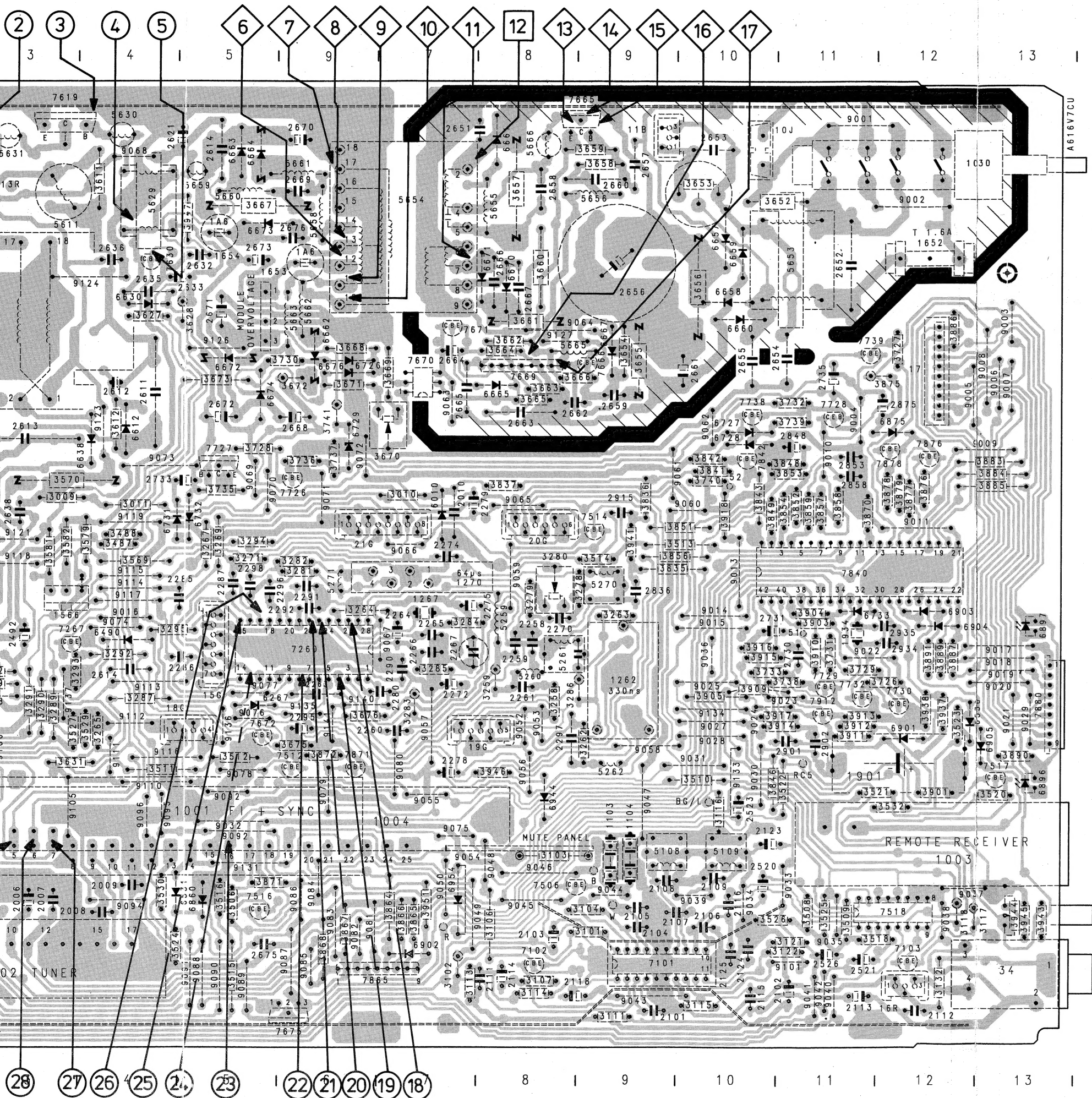
A	17	12G	2572	1F	3285	7D
	34	13A	2573	1E	3286	8D
	39	1C	2574	2E	3287	4D
	10J	10J	2575	2E	3289	3D
	11B	9J	2609	1J	3290	3D
	12G	2F	2610	2J	3291	3D
	13R	3I	2611	4G	3292	4E
	14R	2F	2612	4G	3293	3D
	15G	5D	2613	3G	3294	5F
	16R	12A	2614	4D	3295	4E
B	18G	4D	2614	5J	3487	4F
	19G	8D	2619	2I	3488	4F
	20G	8F	2620	1I	3492	1D
	21G	6F	2621	4J	3501	2D
	100I	5C	2632	5I	3502	2D
	1002	3A	2633	5H	3503	2D
	1003	12C	2635	4H	3504	2D
	1004	7C	2636	4I	3505	2D
	1030	12J	2638	3F	3506	1C
	1103	9C	2651	7J	3507	5B
C	1104	9C	2652	11I	3508	11E
	1262	9D	2653	10J	3509	10E
	1267	7E	2654	10H	3510	10E
	1270	7E	2655	10H	3511	4C
	1566	3E	2656	9H	3512	5D
	1652	12I	2657	9J	3513	10F
	1653	6I	2658	8I	3514	9F
	1654	5I	2659	9G	3515	5A
	1901	11C	2660	9I	3516	5B
	1934	11E	2661	10G	3517	1B
D	2003	2B	2662	8G	3518	12E
	2004	2B	2663	8G	3520	13C
	2006	3B	2664	7H	3521	12C
	2007	3B	2665	7G	3522	11C
	2008	3B	2666	8I	3523	12C
	2009	4B	2667	8I	3524	4B
	2010	7F	2668	6G	3525	11E
	2101	9A	2669	6I	3526	10B
	2102	11A	2670	6J	3527	3D
	2103	8B	2671	5H	3528	1D
E	2104	9B	2672	5G	3529	4D
	2105	9B	2673	5I	3530	4B
	2106	10B	2675	5B	3531	1C
	2107	10B	2676	6I	3532	12C
	2108	9B	26730	11E	3567	1G
	2109	10B	2731	10E	3568	1F
	2110	1A	2733	4F	3569	4F
	2111	8A	2735	21D	3570	3F
	2112	12A	2735	11E	3571	2F
	2113	11A	2836	9G	3572	1F
F	2114	8A	2848	11G	3574	2E
	2115	10A	2853	11G	3575	1E
	2116	10B	2858	11F	3576	1E
	2118	9A	2875	12G	3577	1E
	2123	10C	2901	11D	3578	1E
	2124	10A	2902	11D	3579	4F
	2125	10A	2915	9F	3580	1F
	2258	8E	2934	12E	3581	3F
	2259	8E	2935	12E	3582	3F
	2260	6D	3009	3F	3610	1H
G	2261	8D	3010	7F	3611	4I
	2263	6D	3011	4F	3612	4G
	2264	7E	3059	1B	3627	4H
	2265	7E	3101	9B	3628	5H
	2266	7E	3102	7A	3629	3D
	2267	7E	3103	8C	3630	2D
	2270	8E	3104	9B	3631	3D
	2272	7D	3106	8B	3652	10I
	2274	7F	3107	8A	3653	10I
	2275	8E	3111	9A	3654	9H
H	2278	7D	3113	7A	3655	9H
	2279	8F	3114	8A	3656	10H
	2280	7D	3115	10A	3657	8I
	2285	5E	3116	10C	3658	9J
	2286	5D	3117	13B	3659	9J
	2287	5E	3118	12B	3660	8I
	2290	7D	3121	11B	3661	8H
	2291	6E	3122	11B	3662	8H
	2292	6E	3132	12A	3663	8G
	2295	6D	3128	8D	3664	8H
I	2296	6E	3259	8D	3665	8G
	2297	8D	3262	9D	3666	9G
	2298	5E	3263	9E	3667	5I
	2490	1I	3264	6E	3668	6H
	2492	3E	3265	4D	3669	7G
	2503	2D	3267	5F	3670	7G
	2507	1D	3269	5F	3671	6G
	2520	10B	3271	5F	3672	6G
	2521	11A	3278	9E	3673	5G
	2523	10C	3279	8E	3675	6D
J	2524	1D	3280	8F	3676	6D
	2525	1D	3281	6E	3726	12D
	2526	11B	3282	6F	3727	12H
	2527	1D	3283	7D	3728	5G
	2571	2C	3284	7E	3729	11H



17	12G	2572	1F	3285	7D	3730	6H	5662	6H	9008	13H	9107	3D
34	13A	2573	1E	3286	8D	3731	11E	5663	6H	9009	13G	9108	3D
39	1C	2574	2E	3287	4D	3732	11G	5665	8H	9010	11G	9109	2D
10J	10J	2575	2E	3289	3D	3733	10D	5666	8J	9011	12F	9110	4C
11B	9J	2609	1J	3290	3D	3735	5F	6010	7F	9013	10E	9111	4D
12G	2F	2610	2J	3291	3D	3736	6G	6267	5D	9014	10E	9112	4D
13R	3I	2611	4G	3292	4E	3737	6G	6490	4E	9015	10E	9113	4D
14R	2F	2612	4G	3293	3D	3738	11D	6530	13D	9016	4E	9114	4E
15G	5D	2613	3G	3294	5F	3739	11G	6531	5B	9017	13E	9115	4E
16R	12A	2614	4D	3295	4E	3740	10F	6609	1J	9018	13E	9116	4D
18G	4D	2614	5J	3487	4F	3741	6G	6610	2J	9019	13D	9117	4E
19G	8D	2619	2I	3488	4F	3835	9E	6612	4G	9020	13D	9118	3F
20G	6F	2620	1I	3492	3D	3836	9F	6630	4H	9021	13D	9119	4F
21G	6F	2621	4J	3501	2D	3837	8F	6638	4G	9022	11E	9120	2E
1001	5C	2632	5I	3502	2D	3841	10F	6657	10I	9023	11D	9121	3F
1002	3A	2633	5H	3503	2D	3842	10G	6658	10H	9024	10D	9122	2G
1003	12C	2635	4H	3504	2D	3843	10F	6659	10I	9025	10D	9123	4G
1004	7C	2636	4I	3505	2D	3846	10C	6660	10H	9027	10D	9124	3I
1030	12J	2638	3F	3506	5B	3848	11G	6661	8J	9028	10D	9126	5H
1103	9C	2651	7J	3507	1C	3849	10F	6662	8H	9029	13D	9127	8H
1104	9C	2652	11I	3508	11B	3851	10F	6663	5J	9030	10C	9131	5B
1262	9D	2653	10J	3509	11B	3852	11F	6664	5J	9031	10D	9133	10C
1267	7E	2654	10H	3510	10C	3853	11F	6665	8G	9032	5C	9134	10E
1270	7E	2655	10H	3511	4C	3854	11F	6667	9H	9033	11B	9135	6D
1566	3E	2656	9H	3512	5D	3856	9F	6670	8I	9034	10B	9136	5D
1652	12I	2657	9J	3513	10F	3857	11F	6671	8I	9035	11B	9137	3C
1653	6I	2658	8I	3514	9F	3858	11F	6672	5H	9036	10E	9140	6E
1654	5I	2659	9G	3515	5A	3859	11F	6673	5I	9037	12B	9141	6E
1901	11C	2660	9I	3516	5B	3864	7B	6674	5G	9038	12B		
1934	11E	2661	10G	3517	1B	3865	7B	6676	6H	9039	10B		
2003	2B	2662	8G	3518	12B	3866	7B	6726	7H	9040	11A		
2004	2B	2663	8G	3520	13C	3867	6B	6727	10G	9041	11A		
2006	3B	2664	7H	3521	12C	3868	6B	6728	10G	9042	11A		
2007	3B	2665	7G	3522	11C	3870	11F	6729	6G	9043	9A		
2008	3B	2666	8I	3523	12D	3871	5B	6731	4F	9044	9B		
2009	4B	2667	8I	3524	4B	3872	6D	6732	5F	9045	8B		
2010	7F	2668	6G	3525	11B	3875	12G	6733	12E	9046	8B		
2101	9A	2669	6I	3526	10B	3876	12F	6860	5B	9047	9C		
2102	11A	2670	6J	3527	3D	3877	12F	6875	12G	9048	8C		
2103	8B	2671	5H	3528	1D	3878	12F	6896	13C	9049	8B		
2104	9B	2672	5G	3529	4D	3879	12F	6897	13E	9050	7B		
2105	9B	2673	5I	3530	4B	3883	13G	6901	12D	9052	8D		
2106	10B	2675	5B	3531	1C	3884	13F	6902	7B	9053	8D		
2107	10B	2676	6I	3532	12C	3885	13F	6903	12E	9054	7C		
2108	9B	2730	11E	3567	1G	3886	12H	6904	13E	9055	7C		
2109	10B	2731	10E	3568	1F	3887	12E	6905	13D	9056	8C		
2110	1A	2733	4F	3569	4F	3889	12E	6944	8C	9057	7D		
2111	8A	2735	21D	3570	3F	3890	13D	6954	7B	9058	9D		
2112	12A	2735	11G	3571	2F	3891	12E	7101	9B	9059	8E		
2113	11A	2836	9E	3572	1F	3901	12C	7102	8B	9060	9F		
2114	8A	2848	11G	3574	2E	3903	11E	7103	12B	9061	10F		
2115	10A	2853	11G	3575	1E	3904	11E	7260	6E	9062	10G		
2116	10B	2858	11F	3576	1E	3905	10D	7267	3E	9063	7G		
2118	9A	2875	12G	3577	1E	3909	10D	7505	2D	9064	9H		
2123	10C	2901	11D	3578	1E	3910	11E	7506	8B	9065	8F		
2124	10A	2902	11D	3579	4F	3911	11D	7512	6D	9066	7F		
2125	10A	2915	9F	3580	1F	3912	11D	7514	9F	9067	7E		
2258	8E	2934	12E	3581	3F	3913	11D	7516	5B	9068	4J		
2259	8E	2935	12E	3582	3F	3914	11D	7517	13D	9069	5F		
2260	6D	3009	3F	3610	1H	3915	10E	7518	12B	9070	5F		
2261	8D	3010	7F	3611	4I	3916	10E	7571	1G	9071	6F		
2263	6D	3011	4F	3612	4G	3917	11D	7572	1E	9072	6G		
2264	7E	3059	1B	3627	4H	3918	10F	7573	1F	9073	4G		
2265	7E	3101	9B	3628	5H	3937	12D	7619	3J	9074	4E		
2266	7E	3102	7A	3629	3D	3938	12D	7630	4I	9075	7C		
2267	7E	3103	8C	3630	2D	3941	9F	7665	9J	9076	5D		
2270	8E	3104	9B	3631	3D	3943	13B	7666	9H	9077	5D		
2272	7D	3106	8B	3652	10I	3944	13B	7669	8G	9078	5C		
2274	7F	3107	8A	3653	10I	3945	13B	7670	7G	9079	6C		
2275	8E	3111	9A	3654	9H	3946	8C	7671	7H	9080	7D		
2278	7D	3113	7A	3655	9H	3947	5I	7672	5D	9081	6B		
2279	8F	3114	8A	3656	10H	3951	7B	7675	6A	9082	6B		
2280	7D	3115	10A	3657	8I	5108	9C	7726	6F	9083	6B		
2285	5E	3116	10C	3658	9J	5109	10C	7727	5G	9084	6B		
2286	5D	3117	13B	3659	9J	5259	8E	7728	11G	9085	6B		
2287	5E	3118	12B	3660	8I	5260	8D	7729	11D	9086	6B		
2290	7D	3121	11B	3661	8H	5261	8E	7730	12D	9087	6B		
2291	6E	3122	11B	3662	8H	5262	9C	7732	11D	9088	5B		
2292	6E	3132	12A	3663	8G	5270	9E	7738	10G	9089	5A		
2295	6D	3258	8D	3664	8H	5271	6E	7739	11H	9090	5A		
2296	6E	3259	8D	3665	8G	5300	2D	7840	11E	9091	5A		
2297	8D	3262	9D	3666	9G	5608	2G	7842	10G	9092	5C		
2298	5E	3263	9E	3667	5I	5611	3I	7865	6A	9093	5C		
2490	1I	3264	6E	3668	6H	5620	2H	7871	6D	9094	4B		
2492	3E	3265	4D	3669	7G	5629	4I	7876	12G	9095	4C		
2503	2D	3267	5F	3670	7G	5630	4J	7878	12G	9096	4C		
2507	1D	3269	5F	3671	6G	5631	3J	7880	13D	9097	2B		
2520	10B	3271	5F	3672	6G	5653	11I	7912	11D	9098	2B		
2521	11A	3278	9E	3673	5G	5654	7I	9001	11J	9099	1B		
2523	10C	3279	8E	3675	6D	5655	8I	9002	12I	9100	1B		
2524	1D	3280	8F	3676	6D	5656	9I	9003	13H	9101	11A		
2525	1D	3281	6E	3678	12D	5658	6I	9004	11G	9102	1C		
2526	11B	3282	6F	3679	12H	5659	5I	9005	12G	9103	1D		
2527	1D	3283	7D	3678	5G	5660	5I	9006	13G	9105	3C		
2571	2C	3284	7E	3679	11D	5661	6J	9007	13G	9106	3D		







17	12C	2572	1E	3286	8G	3731	11F	5663	6C	9009	13D	9108	3G
34	13J	2573	1F	3287	4G	3732	11D	5665	8C	9010	11E	9109	2H
39	1H	2574	2F	3288	3G	3733	10G	5666	8A	9011	12D	9110	4G
10J	10A	2575	2F	3290	3G	3735	5E	6010	7E	9013	10F	9111	4G
11B	9A	2609	1A	3291	3G	3736	6D	6267	5G	9014	10F	9112	4G
12G	2E	2610	2A	3292	4F	3737	6D	6490	4F	9015	10F	9113	4G
13R	3B	2611	4D	3293	3G	3738	11G	6530	13G	9016	4F	9114	4F
14R	2E	2612	4D	3294	5E	3739	11D	6531	5I	9017	13F	9115	4F
15G	5G	2613	3D	3295	4F	3740	10E	6609	1A	9018	13G	9116	4F
16R	12J	2614	4G	3487	4E	3741	6D	6610	2A	9019	13G	9117	4G
18G	4G	2614	5A	3488	4E	3835	9F	6612	4D	9020	13G	9118	3E
19G	8G	2619	2B	3492	3G	3836	9E	6630	4C	9021	13G	9119	4E
20G	8E	2620	1B	3501	2G	3837	8E	6638	4D	9022	11F	9120	2F
21G	5E	2621	4A	3502	2G	3841	10E	6657	10B	9023	11G	9121	3E
1001	6H	2632	5B	3503	2G	3842	10D	6658	10C	9024	10G	9122	2D
1002	3J	2633	5C	3504	2G	3843	10E	6659	10B	9025	10G	9123	4D
1003	12H	2635	4C	3505	2G	3846	10H	6660	10C	9027	10G	9124	4C
1004	7H	2636	4E	3506	5I	3848	11D	6661	8A	9028	10G	9126	5C
1030	12A	2638	3E	3507	1H	3849	10E	6662	6C	9029	13G	9127	8C
1103	9H	2651	7A	3508	11I	3851	10E	6663	5A	9030	10H	9131	5I
1104	9H	2652	11B	3509	11I	3852	11E	6664	5A	9031	10G	9133	10H
1262	9G	2653	10A	3510	10H	3853	11E	6665	8D	9032	5H	9134	10G
1267	7F	2654	10C	3511	4H	3854	11E	6667	9C	9033	11I	9135	6G
1270	7F	2655	10C	3512	5G	3856	9E	6670	8B	9034	10I	9136	5G
1566	3F	2656	9C	3513	10E	3857	11E	6671	8B	9035	11I	9137	3G
1652	12B	2657	9A	3514	9E	3858	11E	6672	5C	9036	10F	9140	6G
1653	5C	2658	8B	3515	5J	3859	11E	6673	5B	9037	12I	9141	6G
1654	5B	2659	9D	3516	5I	3864	7I	6674	5D	9038	12I		
1901	11H	2660	9B	3517	1I	3865	7I	6676	6C	9039	10I		
1934	11F	2661	10D	3518	12I	3866	7I	6726	6C	9040	10I		
2003	2I	2662	8D	3520	13H	3867	6I	6727	10D	9041	11J		
2004	2I	2663	8D	3521	12H	3868	6I	6728	10D	9042	11J		
2006	3I	2664	7C	3522	11H	3870	11E	6729	6D	9043	9J		
2007	3I	2665	7D	3523	12G	3871	5I	6731	4E	9044	9I		
2008	3I	2666	8B	3524	4I	3872	6G	6732	5E	9045	8I		
2009	4I	2667	8C	3525	11I	3875	12D	6733	12F	9046	8I		
2101	7E	2668	6D	3526	10I	3876	12E	6860	5I	9047	7H		
2101	9J	2669	6B	3527	3G	3877	12E	6875	12D	9048	8H		
2102	11J	2670	6A	3528	1G	3878	12E	6896	13H	9049	8I		
2103	8I	2671	5C	3529	4G	3879	12E	6897	13F	9050	7I		
2104	9I	2672	5D	3530	4I	3883	13D	6901	12G	9052	8G		
2105	9I	2673	5B	3531	1H	3884	13E	6902	7I	9053	8G		
2106	10I	2675	5I	3532	12H	3885	13E	6903	12F	9054	7H		
2107	10I	2676	6B	3567	1D	3886	12C	6904	13F	9055	7H		
2108	9I	2730	11F	3568	1E	3887	12F	6905	13G	9056	8H		
2109	10I	2731	10F	3569	4E	3889	12F	6944	8H	9057	7G		
2110	1J	2733	4E	3570	3E	3890	13G	6954	7I	9058	9G		
2111	8J	2735	11D	3571	2E	3891	12F	7101	9I	9059	8F		
2112	12J	2836	9F	3572	1E	3901	12H	7102	8I	9060	10E		
2113	11J	2848	11D	3574	2F	3903	11F	7103	12I	9061	10E		
2114	8J	2853	11D	3575	1F	3904	11F	7260	6F	9062	10D		
2115	10J	2858	11E	3576	1F	3905	10G	7267	3F	9063	7D		
2116	10J	2875	12D	3577	1F	3909	10G	7505	2G	9064	9C		
2118	9J	2901	11G	3578	1F	3910	11F	7506	8I	9065	8E		
2123	10H	2902	11G	3579	4E	3911	11G	7512	6G	9066	7E		
2124	10J	2915	9E	3580	1E	3912	11G	7514	9E	9067	7F		
2125	10J	2934	12F	3581	3E	3913	11G	7516	5I	9068	4A		
2258	8F	2935	12F	3582	3E	3914	11G	7517	13G	9068	5E		
2259	8G	3009	3E	3610	1C	3915	10F	7518	12I	9070	5E		
2260	6G	3010	7E	3611	4B	3916	10F	7571	1D	9071	6E		
2261	8G	3011	4E	3612	4D	3917	11G	7572	1F	9072	6D		
2263	8G	3059	1I	3627	4C	3918	10E	7573	1E	9073	4D		
2264	7F	3101	9I	3628	5C	3937	12G	7619	3A	9074	7H		
2265	7F	3102	7J	3629	3G	3938	12G	7630	4B	9075	7H		
2266	7F	3103	8H	3630	2G	3941	9E	7665	9A	9076	5G		
2267	7F	3104	9I	3631	3G	3943	13I	7666	9C	9077	5G		
2270	8F	3106	8I	3652	10B	3844	13I	7669	8D	9078	5H		
2272	7G	3107	8J	3653	10B	3845	13I	7670	7C	9079	6H		
2274	7E	3111	9J	3654	9C	3846	8H	7671	7C	9080	7G		
2275	8F	3113	7J	3655	9C	3947	5B	7672	5G	9081	6I		
2278	7G	3114	8J	3656	10C	3951	7I	7675	6J	9082	6I		
2279	8E	3115	10J	3657	8B	5108	9H	7726	6E	9083	6I		
2280	7G	3116	10H	3658	9A	5109	10H	7727	5D	9084	6I		
2285	5F	3117	13I	3659	9A	5259	8F	7728	11D	9085	6I		
2286	5G	3118	12I	3660	8B	5260	8G	7729	11G	9086	6I		
2287	5F	3121	11I	3661	8C	5261	8F	7730	12G	9087	6I		
2290	7G	3122	11I	3662	8C	5262	9H	7732	11G	9088	5J		
2291	6F	3132	12J	3663	8D	5270	9F	7738	10D	9089	5J		
2292	6F	3258	8G	3664	8C	5271	6F	7739	11C	9090	5J		
2295	6G	3259	8G	3665	8D	5608	2D	7840	11F	9091	5J		
2296	6F	3262	9G	3666	9D	5611	3B	7842	10D	9092	5H		
2297	8G	3263	9F	3667	5B	5620	2C	7865	6J	9092	5H		
2298	5F	3264	6F	3668	6C	5629	4A	7871	6G	9094	4I		
2490	1B	3265	4G	3669	7D	5630	3A	7876	12D	9095	4H		
2492	3F	3267	5E	3670	7D	5631	4A	7878	12D	9096	4H		
2503	2G	3269	5E	3671	6D	5632	2G	7880	13G	9097	2I		
2507	1G	3271	5E	3672	6D	5653	11B	7912	11G	9098	2I		
2520	10I	3278	9F	3673	5D	5654	7B	9001	11A	9099	1I		
2521	11J	3279	8F	3675	6G	5655	8B	9002	12B	9100	1I		
2523	10H	3280	8E	3676	6G	5656	9B	9003	13C	9101	11J		
2524	1G	3281	6F	3726	12G	5658	6B	9004	11D	9102	1H		
2525	1G	3282	6E	3727	12C	5659	5B	9005	12D	9103	1G		
2526	11I	3283	7G	3728	5D	5660	6A	9006	13D	9105	3H		
2527	1G	3284	7F	3729	11G	5661	6A	9007	13D	9106	3G		
2571	2H	3285	7G	3730	6C	5662	6C	9008	13C	9107	3G		